Implementation of problem solution using Singly Linked Lists:

```
#include<stdio.h>
#include<stdlib.h>
#include<malloc.h>
#include<string.h>
#define MALLOC(p,s,t)\
if(!((p)=(t)malloc(s)))\
{\
fprintf(stderr,"Insufficient Memory\n");\
exit(EXIT_FAILURE);\
}
struct List
{
   char word[500];
   struct List* next;
};
typedef struct List* NODE;
int flag=0,f=0;
int count=0;
void printword(NODE first)
{
   NODE cur = first;
   while(cur!=NULL)
   {
      count++;
      printf("%s ",cur->word);
      if(count%2!=0)
```

```
        {
            (f++);
        }
        else if(count==2)
        {
            printf("\n");
            count=0;
            flag++;
        }
        else
        {
              printf("\n");
        }

        cur=cur->next;
    }
}
void main()
{
    char word[500];
    char *c;
    NODE first = prev = NULL;
    NODE cur;
    printf("Enter any sentence of your choice:\n");
    fgets(word,500,stdin);
    c = strtok(word," ");
```

```
while(c!=NULL)
   {
      MALLOC(cur,sizeof(struct List),NODE);
      strcpy(cur->word,c);
      cur->next=NULL;
      if(first==NULL)
      {
         first=cur;
      }
      else
      {
         prev->next=cur;
      }
      prev=cur;
      c=strtok(NULL," ");
   }
   printf("Your Resultant and Modified Sentence is:\n");
   printword(first);
   if(count%2!=0)
   {
      printf("\nTotal number of lines to print your sentence is:%d\n",f);
   }
   else
   {
   printf("Total number of lines taken to print your sentence is:%d\n",flag);
   }
}
```